

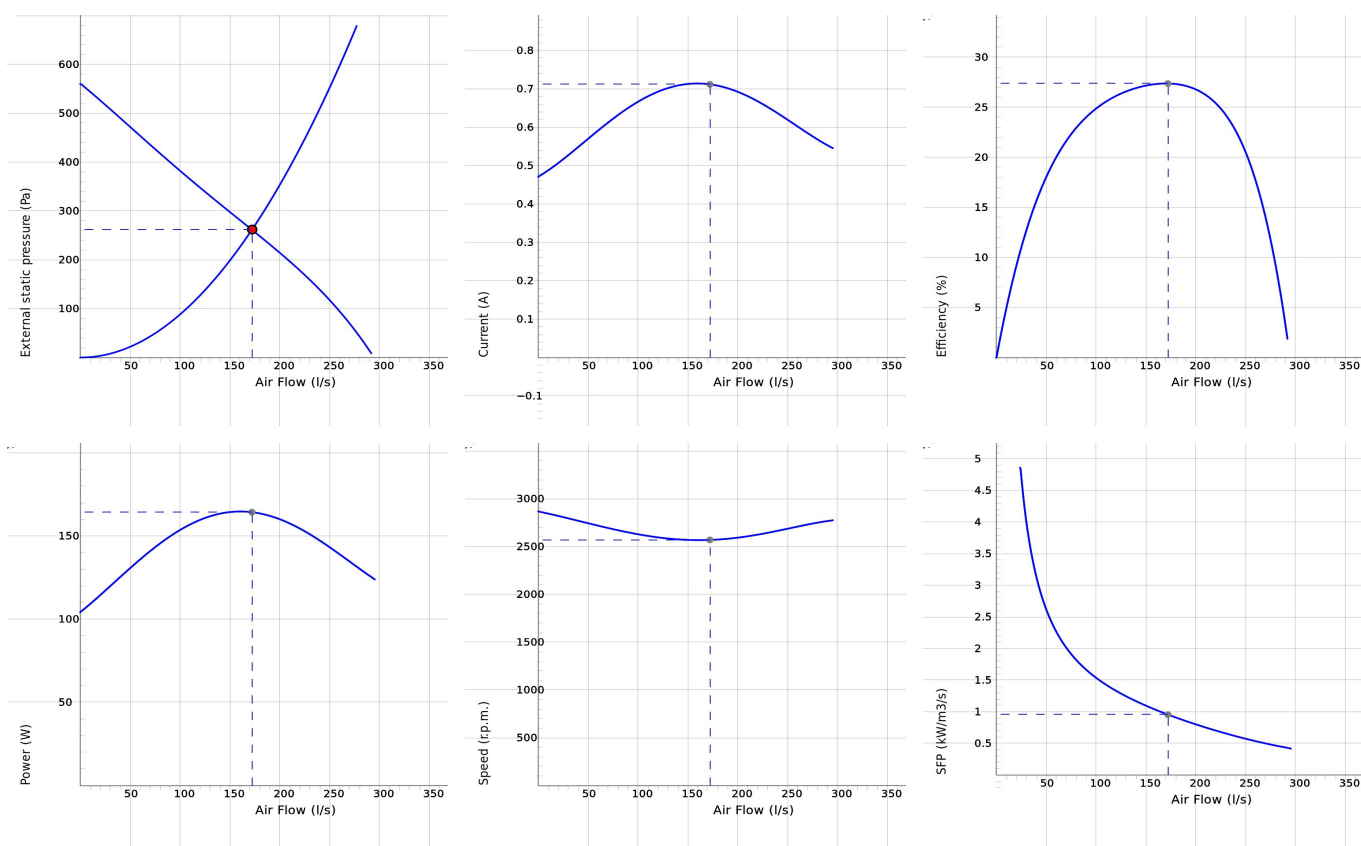
CK 200 B



CK

- Duct fan with circular connections.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

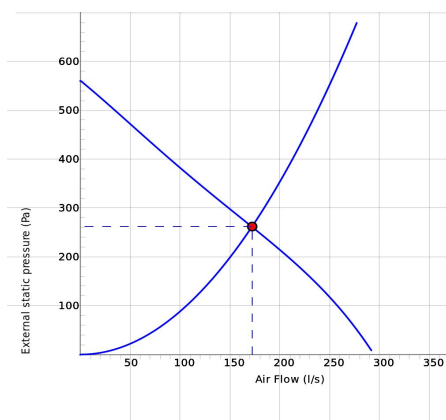
DIAGRAMS



Work Point

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Efficiency (%)	SFP (kW/m ³ /s)	Voltage (V)
172	261	164	2569	0.712	27.4	0.955	230

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	74	52	63	67	69	65	63	63	59
Outlet Lw dB(A)	73	52	62	65	67	66	65	64	59
Surrounding Lw dB(A)	56	34	31	41	49	53	48	49	41
Surrounding Lp dB (A) 3m	49								

Work Point

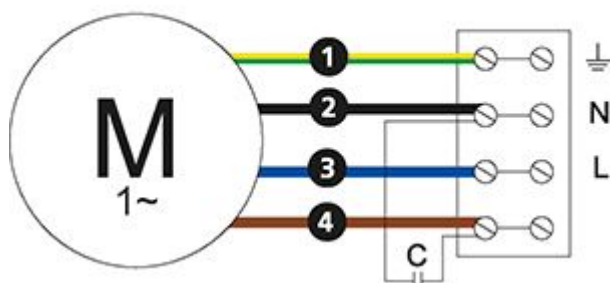
Air Flow (l/s) 172	External static pressure (Pa) 261	Power (W) 164	Speed (r.p.m.) 2569	Current (A) 0.712	Efficiency (%) 27.4	SFP (kW/m3/s) 0.955	Voltage (V) 230
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TECHNICAL DATA

Parameter	CK 200 B man tp 7000015		CK 200 B aut tp 7000056	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Power	165	W	165	W
Current	0.71	A	0.71	A
Speed	2500	r.p.m.	2500	r.p.m.
Max. temperature of transported air	65	°C	65	°C
Max. temperature of transported air when speed controlled	65	°C	65	°C
Sound pressure level at 3 m	48	dB(A)	48	dB(A)
Weight	4.9	kg	4.9	kg
Enclosure class	44	IP	44	IP
Insulation class, motor	F		F	
Capacitor	5	µF	5	µF
Duct connection	200	mm	200	mm
Max. flow	295	l/s	295	l/s
Max. pressure	561	Pa	561	Pa
Voltage range	220-240	V	220-240	V

WIRING DIAGRAM

4040001



(M) = Fan Motor

(M1) = Fan Motor

(M2) = Fan Motor

(M3) = Rotor Motor

1 = Yellow/Green

2 = Black

3 = Blue

4 = Brown

5 = White

6 = Orange

7 = Grey

8 = Red

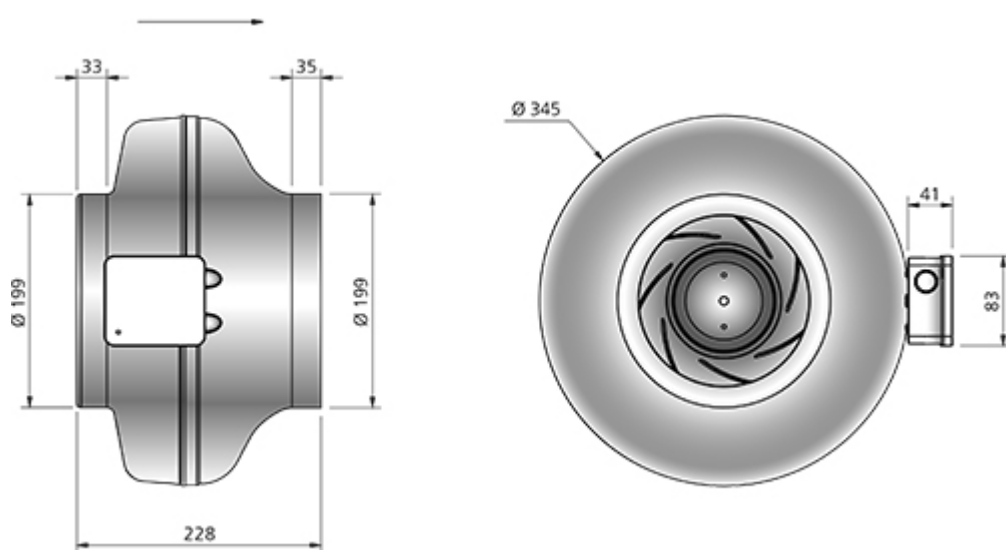
9 = Green

10 = Violet

11 = Quick switch

12 = Yellow

DIMENSIONS



ACCESSORIES

Electrical accessories



Transformer
controller VRDE 1.5



Speed controller VRS
1.0



Transformer
controller VRTE C

Mechanical accessories



Filterbox FLF 200



Filterbox FLK 200



Safety grille BSV 200



Mounting clamp MK
200



Louvre shutter VK
200



Louvre YG 200



Silencer LDC 200